



# Spill Prevention, Preparedness, and Response Program Prevention Section

## PUGET SOUND FIELD OFFICE

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### Tank Barge Voluntary Best Achievable Protection (VBAP) and ECOPRO Standards BOARDING CHECKLIST

IMO / LLOYD'S NO.	NAME OF VESSEL	CASE NUMBER
OFFICIAL NO.		
DATE	LOCATION OF INSPECTION	<input type="checkbox"/> PORT SIDE TO <input type="checkbox"/> STBD SIDE TO <input type="checkbox"/> AT ANCHOR <input type="checkbox"/> IN DRYDOCK <input type="checkbox"/> AGROUND <input type="checkbox"/> UNDERWAY
FLAG	PORT: _____ PLACE: _____ Latitude: _____ Longitude: _____	
INSPECTED BY	NAME OF ATTENDING REPRESENTATIVE	<input type="checkbox"/> VBAP <input type="checkbox"/> ECOPRO
COMMENTS _____ _____ _____ _____ _____ _____ _____ _____		
TOW VESSEL IN ATTENDANCE? <input type="checkbox"/> YES <input type="checkbox"/> NO NAME: _____ PREVIOUSLY BOARDED? <input type="checkbox"/> YES <input type="checkbox"/> NO		
Department of Ecology inspectors use this Boarding Checklist to determine whether Washington's VBAP / ECOPRO Standards are being met.		

FOR OFFICE USE ONLY:

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VBAP STANDARD		ECOPRO STANDARD
<b><i>Tank Barge Manning (8)</i></b>	<b>Y N</b>	<b>ECOPRO Standard</b>
During topping off, 2 personnel onboard, 1 must be certified tankerman under 46 CFR 12.20.	<input type="checkbox"/> <input type="checkbox"/>	When tank barge is <i>receiving</i> cargo 2 persons, BOTH certified tankermen, on tank barge while topping off barge tanks <b>OR</b> 1 person, who is a certified tankerman, is on the tank barge during topping off if conditions 1 & 2 are met <input type="checkbox"/> <b>AND</b> When tank barge is <i>discharging</i> cargo, the tank barge provides the receiving facility or vessel with a means of remotely shutting down the cargo pump(s) on the tank barge. <input type="checkbox"/>
<b>Exceptions:</b> 1. Barge construction provides unrestricted view of all tank openings from any point on barge <b>AND</b> topping off at reduced flow rate; <b>OR</b> 2. Barge equipped with overfill protection devices approved by USCG <b>AND</b> topping off at reduced flow rate.	<input type="checkbox"/> <input type="checkbox"/>	
At least 1 person is on the tank barge when receiving cargo but not topping off.	<input type="checkbox"/> <input type="checkbox"/>	
At least 1 person is on the tank barge when the tank barge is discharging cargo.	<input type="checkbox"/> <input type="checkbox"/>	
<b><i>Preventive Maintenance Documentation (20)</i></b>	<b>Y N</b>	<b>ECOPRO Standard</b>
Surveys of the holds (tanks), piping, and hull by the vessel's classification society, and annual inspections or surveys by any other independent entity are documented, and any reports generated are retained onboard.	<input type="checkbox"/> <input type="checkbox"/>	Explicit documentation and maintenance instructions are posted or readily available. <input type="checkbox"/>
<b><i>Illicit Drug and Alcohol Use (14)</i></b>	<b>Y N</b>	<b>ECOPRO Standard</b>
The use of illicit drugs and consumption of alcohol onboard tank barges and tank barge tow vessels in Washington waters is prohibited.		Personnel are trained in both drug and alcohol abuse awareness and in drug and alcohol testing <b>OR</b> random testing is conducted more frequently. <input type="checkbox"/>
Observed use of drugs or consumption of alcohol onboard?	<input type="checkbox"/> <input type="checkbox"/>	
Observed condition indicating possible use of drugs or consumption of alcohol onboard?	<input type="checkbox"/> <input type="checkbox"/>	
Drug and Alcohol testing program in place?	<input type="checkbox"/> <input type="checkbox"/>	
<b><i>Work Hours. (Rest Periods) (15)</i></b>	<b>Y N</b>	<b>ECOPRO Standard</b>
<b>Personnel cannot work more than 15/24 nor more than 36/72 hours.</b> How recorded?		Work hour restrictions exceed OPA90 requirements or rest periods exceed STCW 95 requirements <b>OR</b> additional qualified tank barge personnel are available if needed to meet work hour (rest period) requirements. <input type="checkbox"/>
Barge personnel in compliance with Work Hour requirements?	<input type="checkbox"/> <input type="checkbox"/>	
<i>Work hours do <u>NOT</u> include periods when oil transfer procedure is shut down and oil transfer duties are not being performed.</i> Where are records kept?		

VBAP Standard			ECOPRO Standard
		<b>Y</b>	<b>N</b>
<b><i>Towing Equipment (Coastal/Astern)(22)</i></b>			<b>ECOPRO Standard</b>
<b>Bridles &amp; Surge Chains</b>			Tow line components exceed BAP standards for size <b>AND/OR</b> breaking strength. <input type="checkbox"/>
Appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Barge Fittings</b>			
▪ Barge fitted with two tow pads to which tow bridle is connected.	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
▪ Towing fairleads appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Shackles</b>			
Shackles appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Shackle and Flounder Plates</b>			
Constructed of whole plates with no welding on gussets and reinforcing rings;	<input type="checkbox"/>	<input type="checkbox"/>	
<b>AND</b> triangular cast, forged, or fabricated steel with round corners.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Chafing Protection</b>			
Towing equipment appears to be protected from chafing.	<input type="checkbox"/>	<input type="checkbox"/>	
		<b>Y</b>	<b>N</b>
<b><i>Towing Equipment (Inland/Pushing) (22)</i></b>			<b>ECOPRO Standard</b>
<b>Winches/Winch Wires (Push Cables &amp; Safety Lines)</b>			Tow line components exceed BAP standards for size <b>AND/OR</b> breaking strength. <input type="checkbox"/>
Appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Barge Fittings</b>			
Cleats/Bitts/Padeyes appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
Fairleads/Chocks appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Shackles</b>			
Appear to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	
		<b>Y</b>	<b>N</b>
<b><i>Emergency Reconnection Equipment (23)</i></b>			<b>ECOPRO Standard</b>
Emergency tow line on barge?	<input type="checkbox"/>	<input type="checkbox"/>	Tow line and components exceed minimum strength requirements specified under the BAP standard. <input type="checkbox"/>
Bitter end secured on barge deck with break-away clips?	<input type="checkbox"/>	<input type="checkbox"/>	
Towing end of tow line attached to trailing buoy?	<input type="checkbox"/>	<input type="checkbox"/>	
		<b>Y</b>	<b>N</b>
<b><i>Navigation Lights and Day Shapes (25)</i></b>			<b>ECOPRO Standard</b>
Barge equipped with required navigation lights and day shapes	<input type="checkbox"/>	<input type="checkbox"/>	Redundant navigational light system is fitted, <b>OR</b> tow vessel procedures cover actions to take in the event of loss of barge lights. <input type="checkbox"/>
Navigational lights are functional.	<input type="checkbox"/>	<input type="checkbox"/>	

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